



July 2009

**DEPARTMENT OF EDUCATION**  
2008–2009 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State accountability standards of Maine's *Learning Results*. The *Learning Results* contain goals for what all students should know and be able to do at certain times in their school careers and include the accountability standards that are assessed for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind* Act.

The 2008-2009 MEA Summary Reports contain the results of student achievement in reading and mathematics at all grades and science at grades 5 and 8 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. More information about the MEA is available at [www.maine.gov/education/mea/index.htm](http://www.maine.gov/education/mea/index.htm).

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the assessments.

Sincerely,

Susan A. Gendron  
Commissioner of Education



## School Report Grade 8

Test Date: March 2009  
Code: 12511940  
SAU: MSAD 57  
School: Massabesic Middle School

### Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

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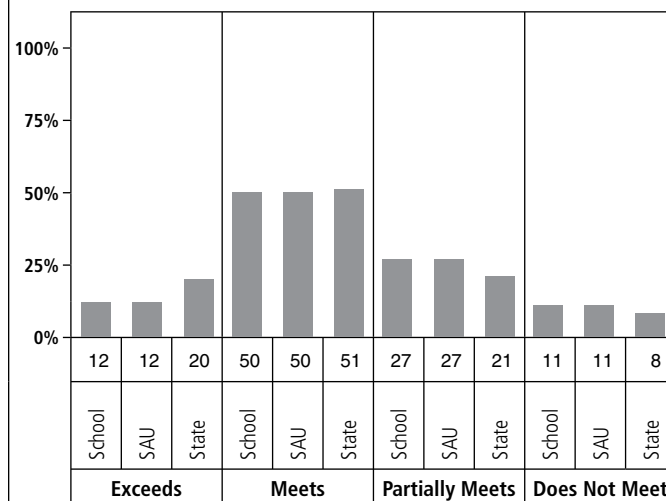
# SUMMARY OF SCORES

Test Date: March 2009  
Grade: 8  
SAU: MSAD 57  
School: Massabesic Middle School

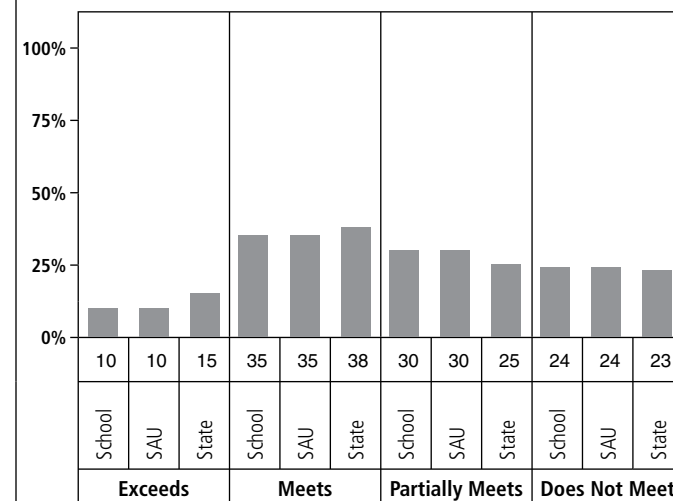
## Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
<b>ELA – Reading</b>			
2006–2007	844	844	847
2007–2008	851	851	849
<b>2008–2009</b>	<b>847</b>	<b>847</b>	<b>850</b>
Cum. Avg.*	847	847	849
<b>Mathematics</b>			
2006–2007	841	841	842
2007–2008	842	842	841
<b>2008–2009</b>	<b>841</b>	<b>841</b>	<b>843</b>
Cum. Avg.*	841	841	842
<b>Science</b>			
<b>2008–2009 **</b>	<b>844</b>	<b>844</b>	<b>846</b>

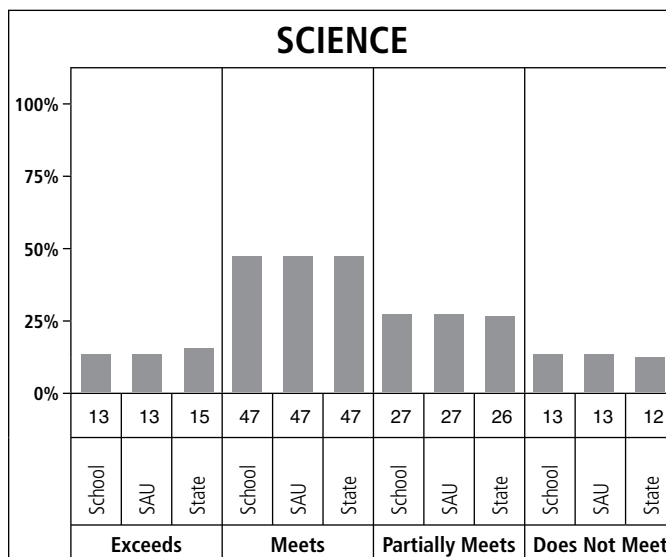
### ELA – READING



### MATHEMATICS



### SCIENCE



\*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

\*\* Because science standards were reset in May 2009, no historical data are available

# SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2009  
Grade: 8  
SAU: MSAD 57  
School: Massabesic Middle School

CATEGORY OF PARTICIPATION	Enrollment <sup>1</sup> during testing window						CONTENT AREA PARTICIPATION <sup>2</sup>																	
							ELA-Reading						Mathematics						Science					
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
<b>Total number of students</b>	286	100	286	100	14804	100	284	99	284	99	14659	99	283	99	283	99	14653	99	281	98	281	98	14626	99
<b>Ethnicity</b> African American/Black	4	1	4	1	377	3	3	75	3	75	366	97	3	75	3	75	371	98	3	75	3	75	367	97
American Indian or Native Alaskan	2	1	2	1	119	1	2	100	2	100	117	99	2	100	2	100	115	97	2	100	2	100	116	98
Asian or Pacific Islander	1	0	1	0	238	2	1	100	1	100	232	97	1	100	1	100	234	98	1	100	1	100	234	98
Hispanic	3	1	3	1	192	1	3	100	3	100	188	98	3	100	3	100	191	100	3	100	3	100	190	99
Caucasian/White	276	97	276	97	13878	94	275	100	275	100	13756	99	274	99	274	99	13742	99	272	99	272	99	13719	99
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Identified disability</b>	43	15	43	15	2489	17	42	98	42	98	2434	99	41	95	41	95	2424	98	40	93	40	93	2418	98
<b>Current LEP</b>	0	0	0	0	349	2	0	0	0	0	331	95	0	0	0	0	342	98	0	0	0	0	338	97
<b>Economically disadvantaged</b>	100	35	100	35	5460	37	99	99	99	99	5380	99	98	98	98	98	5377	99	96	96	96	96	5359	98
<b>Migrant</b>	0	0	0	0	6	0	0	0	0	0	6	100	0	0	0	0	6	100	0	0	0	0	6	100

MODE OF PARTICIPATION <sup>3</sup>	ELA-Reading						Mathematics						Science					
	School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
<b>Participation without accommodations</b>	241	84	241	84	12132	82	243	85	243	85	12124	82	242	85	242	85	12169	82
Identified disability (PET/IEP)	4	2	4	2	379	3	4	2	4	2	380	3	4	2	4	2	425	3
LEP	0	0	0	0	166	1	0	0	0	0	169	1	0	0	0	0	168	1
504 plan	10	4	10	4	200	2	10	4	10	4	200	2	10	4	10	4	202	2
<b>Participation with accommodations</b>	40	14	40	14	2349	16	37	13	37	13	2347	16	36	13	36	13	2288	15
Identified disability (PET/IEP)	35	88	35	88	1877	80	34	92	34	92	1862	79	33	92	33	92	1824	80
LEP	0	0	0	0	158	7	0	0	0	0	167	7	0	0	0	0	165	7
504 plan	3	8	3	8	70	3	3	8	3	8	70	3	3	8	3	8	66	3
Other	2	5	2	5	292	12	0	0	0	0	297	13	0	0	0	0	280	12
<b>Participation through alternate assessment (PAAP)</b>	3	1	3	1	178	1	3	1	3	1	182	1	3	1	3	1	169	1
Identified disability (PET/IEP)	3	100	3	100	178	100	3	100	3	100	182	100	3	100	3	100	169	100
LEP	0	0	0	0	7	4	0	0	0	0	6	3	0	0	0	0	5	3
504 plan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Approved non-participation in reading – 1st year LEP</b>	0	0	0	0	0	0												
<b>Approved non-participation – special consideration</b>	0	0	0	0	32	0	0	0	0	0	34	0	0	0	0	0	38	0
<b>Non-participation – other</b>	2	1	2	1	113	1	3	1	3	1	117	1	5	2	5	2	140	1

<sup>1</sup>Percents are the percentage of students enrolled in each participation category.

<sup>2</sup>Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

<sup>3</sup>Percents are the percentage of students in each content area by mode.

# ELA–READING RESULTS

Test Date: March 2009  
Grade: 8  
SAU: MSAD 57  
School: Massabesic Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
<b>Exceeds the Standards</b> – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (Scaled Score 862–880)	2006-2007	26	8	26	8	2407	16
	2007-2008	76	26	76	26	3428	23
	<b>2008-2009</b>	<b>33</b>	<b>12</b>	<b>33</b>	<b>12</b>	<b>2857</b>	<b>20</b>
	Cum. Total*	135	15	135	15	8692	19
<b>Meets the Standards</b> – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (Scaled Score 842–860)	2006-2007	175	55	175	55	7494	49
	2007-2008	133	46	133	46	7179	48
	<b>2008-2009</b>	<b>141</b>	<b>50</b>	<b>141</b>	<b>50</b>	<b>7431</b>	<b>51</b>
	Cum. Total*	449	50	449	50	22104	49
<b>Partially Meets the Standards</b> – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (Scaled Score 830–840)	2006-2007	66	21	66	21	3628	24
	2007-2008	58	20	58	20	2706	18
	<b>2008-2009</b>	<b>77</b>	<b>27</b>	<b>77</b>	<b>27</b>	<b>2979</b>	<b>21</b>
	Cum. Total*	201	23	201	22	9313	21
<b>Does Not Meet the Standards</b> – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (Scaled Score 800–828)	2006-2007	54	17	54	17	1810	12
	2007-2008	23	8	25	9	1611	11
	<b>2008-2009</b>	<b>30</b>	<b>11</b>	<b>30</b>	<b>11</b>	<b>1214</b>	<b>8</b>
	Cum. Total*	107	12	109	12	4635	10

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Reading Total Points	56	100	33.3	59.5	33.3	59.5	35.5	63.4
A1/A2 Interconnected Elements/Literary Text	20	36	11.5	57.5	11.5	57.5	12.3	61.5
A1/A3/4 Interconnected Elements/Informational Text/Persuasive Text	36	64	21.8	60.6	21.8	60.6	23.2	64.4

The MEA measures student achievement of the interconnected elements of the reading process based on questions related to literary and informational/persuasive reading passages. Reading passages include both long and short texts, selected from developmentally appropriate works. MEA reading items measure the English Language Arts accountability content standard A, Reading, contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at:  
<http://www.maine.gov/education/lres/pei/index.html>.

# ELA-READING RESULTS

## (CONTINUED)

Test Date: March 2009  
 Grade: 8  
 SAU: MSAD 57  
 School: Massabesic Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
<b>All Students</b>	281	33	12	141	50	77	27	30	11	847	281	12	50	27	11	847	14481	20	51	21	8	850
<b>Ethnicity</b>																						
African American/Black	3										3						362	8	43	29	20	843
American Indian or Native Alaskan	2										2						116	10	46	26	18	843
Asian or Pacific Islander	0										0						231	28	43	19	10	851
Hispanic	3										3						186	17	48	23	12	847
Caucasian/White	273	33	12	138	51	73	27	29	11	847	273	12	51	27	11	847	13586	20	52	20	8	850
Not Reported	0										0						0					
<b>Identified disability</b>																						
Yes	39	0	0	3	8	12	31	24	62	828	39	0	8	31	62	828	2256	2	25	40	34	834
No	242	33	14	138	57	65	27	6	2	850	242	14	57	27	2	850	12225	23	56	17	4	853
<b>Current LEP</b>																						
Yes	0										0						324	5	34	36	26	838
No	281	33	12	141	50	77	27	30	11	847	281	12	50	27	11	847	14157	20	52	20	8	850
<b>Economically disadvantaged</b>																						
Yes	99	6	6	41	41	35	35	17	17	842	99	6	41	35	17	842	5277	10	46	29	15	844
No	182	27	15	100	55	42	23	13	7	849	182	15	55	23	7	849	9204	26	54	16	5	853
<b>Migrant</b>																						
Yes	0										0						5	0	40	60	0	841
No	281	33	12	141	50	77	27	30	11	847	281	12	50	27	11	847	14476	20	51	21	8	850
<b>Gender</b>																						
Female	140	24	17	74	53	36	26	6	4	849	140	17	53	26	4	849	7074	25	51	18	6	852
Male	141	9	6	67	48	41	29	24	17	844	141	6	48	29	17	844	7407	14	51	23	11	847
Not Reported	0										0						0					
<b>Title 1A targeted program</b>																						
Yes	0										0						857	9	43	35	14	843
No	281	33	12	141	50	77	27	30	11	847	281	12	50	27	11	847	13624	20	52	20	8	850
<b>Gifted/talented program</b>																						
Yes	18	10	56	8	44	0	0	0	0	864	18	56	44	0	0	864	700	69	30	1	0	867
No	263	23	9	133	51	77	29	30	11	845	263	9	51	29	11	845	13781	17	52	22	9	849

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

# ELA-READING RESULTS

## (QUESTIONNAIRE ITEMS)

Test Date: March 2009  
Grade: 8  
SAU: MSAD 57  
School: Massabesic Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
<b>How much homework do you do on school nights?</b>																						
A. none	3	0	0	1	11	4	44	4	44	829	3	0	11	44	44	829	8	8	39	29	24	841
B. less than one hour	53	18	12	73	50	38	26	16	11	847	53	12	50	26	11	847	51	17	53	22	8	849
C. one to two hours	40	15	14	61	55	29	26	6	5	849	40	14	55	26	5	849	36	24	52	18	5	852
D. more than two hours	4	0	0	5	45	5	45	1	9	843	4	0	45	45	9	843	5	29	45	18	9	852
<b>Which of the following best describes how you rate yourself as a student in reading?</b>																						
A. very good	28	19	24	38	49	16	21	5	6	852	28	24	49	21	6	852	31	35	50	11	4	856
B. good	52	13	9	83	58	35	25	11	8	847	52	9	58	25	8	847	47	16	55	21	7	849
C. fair	17	1	2	16	33	22	46	9	19	839	17	2	33	46	19	839	18	5	47	33	15	842
D. poor	3	0	0	3	43	2	29	2	29	835	3	0	43	29	29	835	3	2	39	37	22	839
<b>How well do the questions that you have just been given on this MEA test match what you have learned in school about reading?</b>																						
A. The questions on the test match what I have learned in reading class.	32	17	20	52	60	14	16	4	5	851	32	20	60	16	5	851	32	27	54	14	5	853
B. They match some of what I have learned.	49	11	8	65	48	47	35	13	10	846	49	8	48	35	10	846	52	18	53	22	8	850
C. They match just a little of what I have learned.	15	5	12	22	54	9	22	5	12	846	15	12	54	22	12	846	12	11	45	29	15	844
D. There is no match.	4	0	0	1	8	6	50	5	42	829	4	0	8	50	42	829	4	6	34	33	26	838
<b>How difficult was the reading part of this test?</b>																						
A. more difficult than my regular schoolwork	16	3	7	21	49	10	23	9	21	844	16	7	49	23	21	844	15	13	42	28	17	844
B. about the same as my regular schoolwork	68	27	14	92	49	55	29	13	7	848	68	14	49	29	7	848	64	19	53	20	7	850
C. easier than my regular schoolwork	16	3	7	25	58	10	23	5	12	846	16	7	58	23	12	846	22	25	52	16	6	852
<b>How difficult were the reading passages on this test?</b>																						
A. Most of the passages were more difficult than what I normally read.	10	3	12	6	24	9	36	7	28	840	10	12	24	36	28	840	8	6	34	34	26	838
B. Most of the passages were about the same as what I normally read.	56	11	7	74	50	50	34	12	8	845	56	7	50	34	8	845	52	14	54	24	8	848
C. Most of the passages were easier than what I normally read.	35	17	19	53	58	16	18	5	5	852	35	19	58	18	5	852	40	30	53	13	4	855
<b>How hard did you try on the reading part of this test?</b>																						
A. I tried harder on this test than I do on my regular schoolwork.	47	11	9	62	48	42	33	13	10	846	47	9	48	33	10	846	39	19	50	22	9	849
B. I tried about the same as I do on my regular schoolwork.	48	22	17	71	54	26	20	12	9	849	48	17	54	20	9	849	54	21	53	19	7	851
C. I did not try as hard on this test as I do on my regular schoolwork.	5	0	0	5	33	8	53	2	13	839	5	0	33	53	13	839	7	12	46	27	15	845
<b>How much time do you spend reading at home each day?</b>																						
A. more than one hour	17	14	29	25	52	7	15	2	4	853	17	29	52	15	4	853	19	26	53	15	6	853
B. 20 minutes to an hour	31	7	8	52	61	19	22	7	8	848	31	8	61	22	8	848	40	25	52	17	6	852
C. less than 20 minutes	17	7	15	27	59	11	24	1	2	851	17	15	59	24	2	851	15	18	51	21	10	849
D. I rarely read at home.	35	5	5	36	37	39	40	17	18	841	35	5	37	40	18	841	26	7	50	30	13	844
<b>How do you feel about the following statement?</b>																						
<b>"My knowledge of reading will be useful to me as an adult."</b>																						
A. strongly agree	33	10	11	49	54	25	28	6	7	847	33	11	54	28	7	847	42	27	51	15	6	853
B. agree	55	22	15	77	51	40	27	11	7	848	55	15	51	27	7	848	50	15	53	23	9	848
C. disagree	8	1	4	10	43	7	30	5	22	842	8	4	43	30	22	842	7	8	46	32	14	843
D. strongly disagree	4	0	0	2	18	4	36	5	45	832	4	0	18	36	45	832	2	6	39	35	21	840
<b>Optional school/SAU question</b>																						
A.	22	0	0	2	100	0	0	0	0	853	22	0	100	0	0	853						
B.	22	1	50	1	50	0	0	0	0	855	22	50	50	0	0	855						
C.	22	1	50	1	50	0	0	0	0	857	22	50	50	0	0	857						
D.	33	0	0	2	67	0	0	1	33	838	33	0	67	0	33	838						

E = Exceeds the Standards   M = Meets the Standards   P = Partially Meets the Standards   D = Does Not Meet the Standards  
N = Number

# MATHEMATICS RESULTS

Test Date: March 2009  
Grade: 8  
SAU: MSAD 57  
School: Massabesic Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
<b>Exceeds the Standards</b> – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (Scaled Score 862–880)	2006-2007	39	12	39	12	1952	13
	2007-2008	38	13	38	13	1657	11
	<b>2008-2009</b>	<b>29</b>	<b>10</b>	<b>29</b>	<b>10</b>	<b>2116</b>	<b>15</b>
	Cum. Total*	106	12	106	12	5725	13
<b>Meets the Standards</b> – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (Scaled Score 842–860)	2006-2007	105	33	105	33	5870	38
	2007-2008	120	41	120	41	5956	40
	<b>2008-2009</b>	<b>99</b>	<b>35</b>	<b>99</b>	<b>35</b>	<b>5443</b>	<b>38</b>
	Cum. Total*	324	36	324	36	17269	39
<b>Partially Meets the Standards</b> – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (Scaled Score 830–840)	2006-2007	103	32	103	32	3982	26
	2007-2008	70	24	70	24	3729	25
	<b>2008-2009</b>	<b>84</b>	<b>30</b>	<b>84</b>	<b>30</b>	<b>3556</b>	<b>25</b>
	Cum. Total*	257	29	257	29	11267	25
<b>Does Not Meet the Standards</b> – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (Scaled Score 800–828)	2006-2007	74	23	74	23	3534	23
	2007-2008	62	21	64	22	3579	24
	<b>2008-2009</b>	<b>68</b>	<b>24</b>	<b>68</b>	<b>24</b>	<b>3356</b>	<b>23</b>
	Cum. Total*	204	23	206	23	10469	23

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
<b>Mathematics Total Points</b>	<b>56</b>	<b>100</b>	27.1	48.4	27.1	48.4	28.6	51.1
<b>A. Number</b>	<b>8</b>	<b>14</b>	3.4	42.5	3.4	42.5	3.7	46.3
<b>B. Data</b>	<b>16</b>	<b>29</b>	8.4	52.5	8.4	52.5	8.9	55.6
<b>C. Geometry</b>	<b>12</b>	<b>21</b>	4.0	33.3	4.0	33.3	5.0	41.7
<b>D. Algebra</b>	<b>20</b>	<b>36</b>	11.2	56.0	11.2	56.0	10.9	54.5

The MEA assesses students’ mathematics knowledge based on questions that measure the mathematics accountability content standards contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard A, Number, includes Whole Number, Rational Number, and Real Number.

Content Standard B, Data, includes Measurement and Approximation, Data Analysis, and Probability.

Content Standard C, Geometry, includes Geometric Figures, Geometric Measurement, and Transformations.

Content Standard D, Algebra, includes Symbols and Expressions, Equations and Inequalities, and Functions and Relations.

# MATHEMATICS RESULTS

(CONTINUED)

Test Date: March 2009  
Grade: 8  
SAU: MSAD 57  
School: Massabesic Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
<b>All Students</b>	280	29	10	99	35	84	30	68	24	841	280	10	35	30	24	841	14471	15	38	25	23	843
<b>Ethnicity</b>																						
African American/Black	3										3						367	6	24	26	44	831
American Indian or Native Alaskan	2										2						114	5	31	32	32	836
Asian or Pacific Islander	0										0						233	27	33	20	21	847
Hispanic	3										3						190	8	31	26	34	836
Caucasian/White	272	29	11	96	35	81	30	66	24	841	272	11	35	30	24	841	13567	15	38	25	22	843
Not Reported	0										0						0					
<b>Identified disability</b>																						
Yes	38	0	0	2	5	10	26	26	68	823	38	0	5	26	68	823	2242	2	12	22	63	824
No	242	29	12	97	40	74	31	42	17	843	242	12	40	31	17	843	12229	17	42	25	16	846
<b>Current LEP</b>																						
Yes	0										0						336	6	18	26	51	829
No	280	29	10	99	35	84	30	68	24	841	280	10	35	30	24	841	14135	15	38	25	23	843
<b>Economically disadvantaged</b>																						
Yes	98	6	6	25	26	28	29	39	40	835	98	6	26	29	40	835	5270	6	30	28	36	835
No	182	23	13	74	41	56	31	29	16	844	182	13	41	31	16	844	9201	20	42	22	16	847
<b>Migrant</b>																						
Yes	0										0						5	0	0	40	60	828
No	280	29	10	99	35	84	30	68	24	841	280	10	35	30	24	841	14466	15	38	25	23	843
<b>Gender</b>																						
Female	140	9	6	62	44	41	29	28	20	841	140	6	44	29	20	841	7070	15	39	25	22	843
Male	140	20	14	37	26	43	31	40	29	840	140	14	26	31	29	840	7401	14	36	25	25	842
Not Reported	0										0						0					
<b>Title 1A targeted program</b>																						
Yes	0										0						857	5	25	33	37	835
No	280	29	10	99	35	84	30	68	24	841	280	10	35	30	24	841	13614	15	38	24	22	843
<b>Gifted/talented program</b>																						
Yes	18	7	39	9	50	2	11	0	0	857	18	39	50	11	0	857	700	68	27	3	1	866
No	262	22	8	90	34	82	31	68	26	840	262	8	34	31	26	840	13771	12	38	26	24	841

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number



# MATHEMATICS RESULTS

## (QUESTIONNAIRE ITEMS)

Test Date: March 2009  
Grade: 8  
SAU: MSAD 57  
School: Massabesic Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
		%	N	%	N	%	N	%	N			%	%	%	%			%	%	%	%	
How much homework do you do on school nights?																						
A. none	3	0	0	1	11	1	11	7	78	823	3	0	11	11	78	823	8	8	24	24	44	833
B. less than one hour	53	18	12	48	33	45	31	34	23	841	53	12	33	31	23	841	51	12	38	26	23	842
C. one to two hours	40	11	10	46	41	33	30	21	19	842	40	10	41	30	19	842	36	19	40	23	19	845
D. more than two hours	4	0	0	4	36	3	27	4	36	836	4	0	36	27	36	836	5	19	36	22	23	844
Which of the following best describes how you rate yourself as a student in mathematics?																						
A. very good	19	17	33	13	25	18	35	3	6	851	19	33	25	35	6	851	28	33	41	15	11	852
B. good	41	8	7	45	40	37	33	22	20	841	41	7	40	33	20	841	45	11	43	25	21	842
C. fair	31	3	4	35	41	19	22	28	33	838	31	4	41	22	33	838	21	3	27	35	35	834
D. poor	8	1	4	3	13	7	30	12	52	831	8	4	13	30	52	831	5	2	14	30	54	828
How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?																						
A. The questions on the test match what I have learned in mathematics class.	25	13	19	19	28	20	29	16	24	845	25	19	28	29	24	845	28	23	41	21	15	848
B. They match some of what I have learned.	57	15	9	64	41	47	30	32	20	841	57	9	41	30	20	841	52	13	40	25	21	843
C. They match just a little of what I have learned.	15	1	2	15	37	14	34	11	27	837	15	2	37	34	27	837	16	8	28	30	34	836
D. There is no match.	3	0	0	1	11	1	11	7	78	824	3	0	11	11	78	824	4	5	15	22	58	826
How difficult was the mathematics part of this test?																						
A. more difficult than my regular schoolwork	36	5	5	30	31	31	32	31	32	837	36	5	31	32	32	837	32	6	34	29	32	837
B. about the same as my regular schoolwork	52	17	12	54	38	42	30	29	20	842	52	12	38	30	20	842	52	13	41	25	20	843
C. easier than my regular schoolwork	12	7	21	15	44	8	24	4	12	848	12	21	44	24	12	848	16	39	35	13	13	853
How hard did you try on the mathematics part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	47	11	9	40	31	43	34	34	27	840	47	9	31	34	27	840	42	12	38	26	25	841
B. I tried about the same as I do on my regular schoolwork.	48	17	13	54	41	32	24	29	22	842	48	13	41	24	22	842	52	17	39	23	20	845
C. I did not try as hard on this test as I do on my regular schoolwork.	5	1	7	5	36	5	36	3	21	841	5	7	36	36	21	841	7	12	27	27	35	837
How often do you use calculators in mathematics class?																						
A. almost every day	32	11	13	30	34	23	26	23	26	841	32	13	34	26	26	841	34	18	40	22	20	845
B. two or three days a week	30	7	9	30	37	27	33	18	22	841	30	9	37	33	22	841	35	14	38	26	21	843
C. two or three times each month	19	9	17	18	34	14	26	12	23	843	19	17	34	26	23	843	18	12	37	27	24	841
D. never or almost never	19	2	4	21	40	17	32	13	25	839	19	4	40	32	25	839	13	9	32	25	34	837
How often do you use laptops in mathematics class?																						
A. almost every day	5	1	8	1	8	5	38	6	46	827	5	8	8	38	46	827	9	13	38	23	26	841
B. two or three days a week	14	4	11	16	42	9	24	9	24	843	14	11	42	24	24	843	17	11	37	26	26	841
C. two or three times each month	24	7	11	24	37	22	34	12	18	842	24	11	37	34	18	842	28	15	40	25	20	844
D. never or almost never	58	17	11	58	36	46	29	38	24	841	58	11	36	29	24	841	46	16	36	24	23	843
How do you feel about the following statement? "My knowledge of mathematics will be useful to me as an adult."																						
A. strongly agree	39	16	15	39	36	36	33	17	16	844	39	15	36	33	16	844	52	19	41	22	18	846
B. agree	46	7	5	50	39	35	27	36	28	839	46	5	39	27	28	839	39	11	35	27	27	840
C. disagree	9	4	16	7	28	7	28	7	28	842	9	16	28	28	28	842	6	7	28	26	39	835
D. strongly disagree	5	2	13	3	20	4	27	6	40	833	5	13	20	27	40	833	3	4	25	28	43	832
Optional school/SAU question																						
A.	22	0	0	1	50	1	50	0	0	845	22	0	50	50	0	845						
B.	22	0	0	1	50	1	50	0	0	841	22	0	50	50	0	841						
C.	22	0	0	1	50	1	50	0	0	845	22	0	50	50	0	845						
D.	33	0	0	1	33	1	33	1	33	834	33	0	33	33	33	834						

# SCIENCE RESULTS

Test Date: March 2009  
Grade: 8  
SAU: MSAD 57  
School: Massabesic Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
<b>Exceeds the Standards</b> – The student’s work demonstrates in-depth understanding of essential concepts in science, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information, analyze and solve difficult problems, and explain complex concepts using evidence and proper terminology to support and communicate logical conclusions. (Scaled Score 862–880)	2008-2009*	35	13	35	13	2155	15
<b>Meets the Standards</b> – The student’s work demonstrates a general understanding of essential concepts in science, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve routine problems and explain central concepts with sufficient clarity and accuracy to demonstrate general understanding. (Scaled Score 842–860)	2008-2009*	130	47	130	47	6687	47
<b>Partially Meets the Standards</b> – The student’s work demonstrates incomplete understanding of essential concepts in science and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems but the quality of responses is inconsistent. Explanation of concepts may be incomplete or unclear. (Scaled Score 828–840)	2008-2009*	76	27	76	27	3672	26
<b>Does Not Meet the Standards</b> – The student’s work demonstrates limited understanding of essential concepts in science and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems. Explanations are illogical, incomplete, or missing. There are many inaccuracies. (Scaled Score 800–826)	2008-2009*	37	13	37	13	1749	12

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
<b>Science Total Points</b>	56	100	31.1	55.5	31.1	55.5	32.0	57.1
<b>D. The Physical Setting</b>	31	55	16.3	52.6	16.3	52.6	17.1	55.2
<b>D1/D2 Earth/Space</b>	17	30	9.2	54.1	9.2	54.1	9.4	55.3
<b>D3/D4 Matter and Energy/Force and Motion</b>	14	25	7.1	50.7	7.1	50.7	7.7	55.0
<b>E. The Living Environment</b>	25	45	14.8	59.2	14.8	59.2	14.9	59.6

The MEA assesses students’ science knowledge based on questions that measure the science accountability content standards highlighted in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard D. The Physical Setting  
D1 - Universe and Solar System  
D2 - Earth  
D3 - Matter and Energy  
D4 - Force and Motion

Content Standard E. The Living Environment  
E1 - Biodiversity  
E2 - Ecosystems  
E3 - Cells  
E4 - Heredity and Reproduction  
E5 - Evolution

# SCIENCE RESULTS

## (CONTINUED)

Test Date: March 2009  
Grade: 8  
SAU: MSAD 57  
School: Massabesic Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
<b>All Students</b>	278	35	13	130	47	76	27	37	13	844	278	13	47	27	13	844	14263	15	47	26	12	846
<b>Ethnicity</b>																						
African American/Black	3										3						360	4	31	35	30	835
American Indian or Native Alaskan	2										2						114	8	39	31	22	839
Asian or Pacific Islander	0										0						230	20	44	23	13	848
Hispanic	3										3						184	9	45	29	16	842
Caucasian/White	270	35	13	127	47	71	26	37	14	845	270	13	47	26	14	845	13375	15	47	25	12	846
Not Reported	0										0						0					
<b>Identified disability</b>																						
Yes	37	1	3	9	24	9	24	18	49	831	37	3	24	24	49	831	2221	3	22	36	38	832
No	241	34	14	121	50	67	28	19	8	847	241	14	50	28	8	847	12042	17	51	24	7	848
<b>Current LEP</b>																						
Yes	0										0						331	4	20	39	37	832
No	278	35	13	130	47	76	27	37	13	844	278	13	47	27	13	844	13932	15	48	25	12	846
<b>Economically disadvantaged</b>																						
Yes	96	7	7	35	36	35	36	19	20	840	96	7	36	36	20	840	5184	6	40	33	21	840
No	182	28	15	95	52	41	23	18	10	847	182	15	52	23	10	847	9079	20	51	21	8	849
<b>Migrant</b>																						
Yes	0										0						5	0	0	80	20	829
No	278	35	13	130	47	76	27	37	13	844	278	13	47	27	13	844	14258	15	47	26	12	846
<b>Gender</b>																						
Female	139	13	9	67	48	45	32	14	10	844	139	9	48	32	10	844	6953	14	47	28	11	846
Male	139	22	16	63	45	31	22	23	17	845	139	16	45	22	17	845	7310	16	46	24	13	846
Not Reported	0										0						0					
<b>Title 1A targeted program</b>																						
Yes	0										0						828	5	35	40	20	839
No	278	35	13	130	47	76	27	37	13	844	278	13	47	27	13	844	13435	16	48	25	12	846
<b>Gifted/talented program</b>																						
Yes	18	9	50	9	50	0	0	0	0	858	18	50	50	0	0	858	699	65	34	2	0	865
No	260	26	10	121	47	76	29	37	14	843	260	10	47	29	14	843	13564	13	48	27	13	845

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

# SCIENCE RESULTS

## (QUESTIONNAIRE ITEMS)

Test Date: March 2009  
Grade: 8  
SAU: MSAD 57  
School: Massabesic Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
<b>How much homework do you do on school nights?</b>																						
A. none	3	0	0	0	0	4	44	5	56	826	3	0	0	44	56	826	8	8	34	28	30	837
B. less than one hour	53	20	14	68	47	41	28	16	11	845	53	14	47	28	11	845	51	14	48	27	11	846
C. one to two hours	40	15	14	58	52	26	23	12	11	846	40	14	52	23	11	846	36	19	48	24	9	848
D. more than two hours	4	0	0	4	36	5	45	2	18	840	4	0	36	45	18	840	5	17	49	20	14	847
<b>Which of the following best describes how you rate yourself as a student in science?</b>																						
A. very good	21	12	20	34	58	10	17	3	5	850	21	20	58	17	5	850	23	27	47	17	8	851
B. good	57	18	12	73	47	45	29	20	13	844	57	12	47	29	13	844	53	15	50	26	10	847
C. fair	20	4	7	22	41	19	35	9	17	842	20	7	41	35	17	842	20	4	43	35	18	840
D. poor	3	1	14	1	14	2	29	3	43	833	3	14	14	29	43	833	4	4	27	34	35	834
<b>How well do the questions that you have just been given on this MEA test match what you have learned in school about science?</b>																						
A. The questions on the test match what I have learned in science class.	29	11	14	40	51	21	27	7	9	846	29	14	51	27	9	846	26	20	49	23	9	849
B. They match some of what I have learned.	54	18	12	68	46	44	30	19	13	845	54	12	46	30	13	845	51	14	48	26	11	846
C. They match just a little of what I have learned.	15	6	15	19	46	10	24	6	15	845	15	15	46	24	15	845	18	13	44	28	15	844
D. There is no match.	3	0	0	3	43	1	14	3	43	834	3	0	43	14	43	834	4	5	33	30	32	836
<b>How difficult was the science part of this test?</b>																						
A. more difficult than my regular schoolwork	33	10	11	42	46	25	27	15	16	843	33	11	46	27	16	843	32	13	45	28	14	844
B. about the same as my regular schoolwork	59	21	13	77	48	44	27	20	12	845	59	13	48	27	12	845	56	15	49	25	11	847
C. easier than my regular schoolwork	8	4	19	11	52	6	29	0	0	848	8	19	52	29	0	848	11	21	43	22	13	847
<b>How hard did you try on the science part of this test?</b>																						
A. I tried harder on this test than I do on my regular schoolwork.	40	12	11	57	52	24	22	16	15	844	40	11	52	22	15	844	39	14	47	27	12	845
B. I tried about the same as I do on my regular schoolwork.	56	23	15	68	45	46	30	15	10	846	56	15	45	30	10	846	55	17	48	25	10	847
C. I did not try as hard on this test as I do on my regular schoolwork.	4	0	0	2	18	6	55	3	27	835	4	0	18	55	27	835	6	8	36	29	26	839
<b>Which courses do you plan to take before you graduate from high school?</b>																						
A. earth and space science and/or biology	25	4	6	36	53	21	31	7	10	843	25	6	53	31	10	843	26	9	48	29	14	844
B. the course(s) described in A, plus chemistry	23	9	14	28	44	15	24	11	17	845	23	14	44	24	17	845	23	17	49	22	12	847
C. the course(s) described in B, plus physics	18	14	29	16	33	12	25	6	13	849	18	29	33	25	13	849	21	31	44	17	7	852
D. a life science and physical science class	34	7	7	49	52	27	29	11	12	843	34	7	52	29	12	843	30	7	46	32	14	842
<b>How well does the following statement reflect your future goals? "I am interested in a career related to science, technology, engineering, or mathematics."</b>																						
A. strongly agree	30	13	16	35	43	21	26	12	15	846	30	16	43	26	15	846	27	23	47	20	10	849
B. agree	39	12	11	57	53	26	24	13	12	845	39	11	53	24	12	845	37	14	47	27	12	846
C. disagree	19	5	10	24	46	18	35	5	10	843	19	10	46	35	10	843	25	11	48	29	12	845
D. strongly disagree	12	5	15	13	39	10	30	5	15	844	12	15	39	30	15	844	11	9	44	31	17	842
<b>How do you feel about the following statement? "My knowledge of science will be useful to me as an adult."</b>																						
A. strongly agree	25	15	21	29	41	19	27	7	10	848	25	21	41	27	10	848	31	22	46	22	10	849
B. agree	55	16	10	76	50	43	28	18	12	845	55	10	50	28	12	845	50	14	49	26	11	846
C. disagree	15	4	10	20	49	11	27	6	15	842	15	10	49	27	15	842	14	9	45	31	15	843
D. strongly disagree	4	0	0	5	42	3	25	4	33	834	4	0	42	25	33	834	5	3	38	34	25	837
<b>Optional school/SAU question</b>																						
A.	22	0	0	2	100	0	0	0	0	846	22	0	100	0	0	846						
B.	22	0	0	1	50	1	50	0	0	849	22	0	50	50	0	849						
C.	22	0	0	2	100	0	0	0	0	853	22	0	100	0	0	853						
D.	33	0	0	2	67	0	0	1	33	839	33	0	67	0	33	839						

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards  
N = Number